

**CLAIMS:**

1. A display system including a stationary supporting base, a display device movably supported by the supporting base and an electromagnetic positioning unit for positioning the display device relative to the supporting base.
- 5 2. A display system as claimed in claim 1, wherein the supporting base is provided with a rod-shaped guide for guiding the display device.
3. A display system as claimed in claim 2, wherein the electromagnetic positioning unit includes a translation actuator for translating the display device along the  
10 rod-shaped guide and/or a rotation actuator for rotating the display device round the rod-shaped guide.
4. A display system as claimed in claim 3, wherein the translation actuator includes a permanent-magnetic section formed in or on the rod-shaped guide and a coil  
15 section secured to the display device and disposed in the magnetic field of the permanent-magnetic section.
5. A display system as claimed in claim 3, wherein the rotation actuator includes a permanent-magnetic part formed in or on the display device and a coil part fixed to the rod-  
20 shaped guide and disposed in the magnetic field of the permanent-magnetic part.
6. A display system as claimed in any one of claims 1 to 5, wherein the system is provided with a locking device for locking the display device in a position.
- 25 7. A display system as claimed in claim 6, wherein the locking device includes a solenoid.
8. A display system as claimed in any one of claims 1 to 5, wherein the system includes a remote control for controlling the positioning of the display device.

9.           A display device as claimed in claim 6 or 7, wherein the display system includes a remote control for controlling the locking of the display device.